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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:

Michael S. Dobres, Aidyn Mouradov and Hong Zhang

Serial No.: 09/911,588

Group Art Unit: 1638

Filed: July 24, 2001

Examiner: Georgia L. Helmer

For: **TRANSFORMATION OF PLANTS BY ELECTROPORATION  
OF CULTURED EXPLANTS**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR RECONSIDERATION**

In response to the Office Action issued January 15, 2003, Applicants respectfully request entry of the following amendments, without prejudice.

**In the Claims**

Please amend claims 1, 7 to 9, and 15 to 18 to read as follows.

1. (Amended) A method for transforming a plant with at least one transgene, comprising the steps of:

- 31
- a. culturing an explant of a plant in nutritive medium;
  - b. electroporating the cultured explant and at least one transgene with a pulse length of at least about 50 milliseconds to produce a transformed explant;